

Receiving Waters: Caño Cabo Caribe
Class: SD

Reviewed by
Evelyn Rivera-Ocasio

[illegible]

Permit Summary Table

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Facility: Vega Baja WWTP
Location: State Road No. 8686, Km 14.7
Vaga Baja, PR

Permit Number: PR0021679
Latitude: 18° 28' 13" N
Longitude: 66° 23' 50" W

Receiving Waters: Caño Cabo Caribe
Class: SD

Type of Discharge

secondary treated wastewaters

Average Flow

4.2 MGD

Discharge Number

001

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Parameter	Unit	Application	DMR Reported	Existing Permit Conditions	Intent Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
Dissolved Oxygen	mg/l	--	--	Not < 5	Not < 5		Not < 5	Daily	Grab
Fecal Coliform	col / 100 ml	--	--	200/400	200/400		200/400	Monthly	Grab
Flow	m ³ /day (MGD)	--	--	15,898.73 (4.2)	15,898.73 (4.2)		15,898.73 (4.2)	Continuous Recording	
Fluoride	µg/l	--	--	700	Not Included		--		
Mercury β	µg/l	--	--	0.050	0.012 More stringent		0.012	Quarterly	Grab
Nitrate + Nitrite	µg/l	--	--	10,000	10,000		10,000	Monthly	Grab
Oil & Grease	mg/l	--	--	Narative	Narrative		Narrative	Twice per Month	Grab
Pentachlorophenol	µg/l	--	--	Monitor	Not included		--		
pH	SU	--	--	Between 6-9	Between 6-9		Between 6-9	Daily	Grab
Phenol	µg/l	--	--	Monitor	Not included		--		
R. Chlorine +	mg/l	--	--	0.5	0.5		0.5	Daily	Grab
Solids & Other Matters				Note 3	Note 3		Note 3	---	---
Sulfide γ (undissociated H ₂ S)	µg/l			2	2		2	Quarterly	Grab
Surfactants as MBAS	µg/l			100	100		100	Monthly	Grab

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Suspended Colloidal or Settleable Solids	ml/l	--	--	Note 1	Note 1		Note 1	Daily	Grab
Taste & Odor Producing Subst.		--	--	Note 4	Note 4		Note 4	—	---
Temperature	°F (°C)	--	--	Note 2	Note 2		Note 2	Daily	Grab
T. Ammonia	mg/l	--	--	1.000	1.000		1.000	Monthly	Composite
T. Coliform	col / 100ml	--	--	10000	10000		10000	Monthly	Grab
Total Dissolved Solids	mg/l	--	--	500	500		500	Quarterly	Grab
TSS	mg/l	--	--	30/45		30/45	30/45	weekly	Composite
Turbidity	NTU	--	--	50	50		50	Monthly	Grab
Cyanide £	µg/l	--	--	5.2	5.2		5.2	Monthly	Grab
T. Phosphorus	mg/l	--	--	1.00	1.00		1.00	Monthly	Grab
Cadmium	µg/l	--	--	3.27	0.38 More stringent		0.38	monthly	Grab

- Notes:
1. Solids from wastewater sources shall not cause deposition in, or be deleterious to, the designated users of the waters.
 2. Except by natural causes, no heat may be added to the water of Puerto Rico which would cause the temperature of any site to exceed 90°F (32.2°C).
 3. The waters of Puerto Rico shall not contain floating debris, scum and other floating materials attributable to discharges in amounts sufficient to be unsightly or deleterious to the existing or designated uses of the waterbody.
 4. Shall not be present in amounts that will interfere with the use for potable water supply, or will render any undesirable taste and/or odor to edible aquatic life.
 5. The waters of Puerto Rico shall be substantially free from floating non-petroleum oils and greases as well as petroleum derived oils and greases

- * 30 day average: The 30-day average percent removal, monitored simultaneously at the influent and effluent, shall not be less than 85%.
- + See Special Condition 5 & 6 (IWQC)
- β See Special Condition 9 (IWQC)
- γ See Special Condition 10 (IWQC)
- £ The samples shall be analyzed using the method approved by EPA in letter of February 20, 2007.